

Luminaire

Code M2883N01+M197400

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED 4000K DIMMERABILE 1184MM + INDIRETTA LED+ OTTICA DIFFONDENTE PER LED

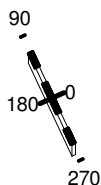
Measurem.

Code FTS1601414

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED 4000K DIMMERABILE 1184MM + INDIRETTA LED+ OTTICA DIFFONDENTE PER LED

Luminaire Flux	4644.60 lm	Luminaire Power	62.00 W	Efficacy	74.91 lm/W	Efficiency	100.00%
Lamps Flux	4644.60 lm	Maximum value	243.09 cd/klm	Position	C=0.00 G=180.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1185 mm	Width	45 mm	Height	110 mm
Rectangular Luminous Area		Length	1185 mm	Width	32 mm	Height	0 mm
Horizontal Luminous Area		0.037920 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.009174 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		23-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4644.60 lm	
LED Flux=7927,82lm LED Power=48W Eff=59% EfcLed=165lm/W EfcLum=75lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	49 80 96 44 100			D DIN 5040		C32	
F UTE	0.44 E + 0.56 T			B NBN		BZ 4	

1185mm x 45mm



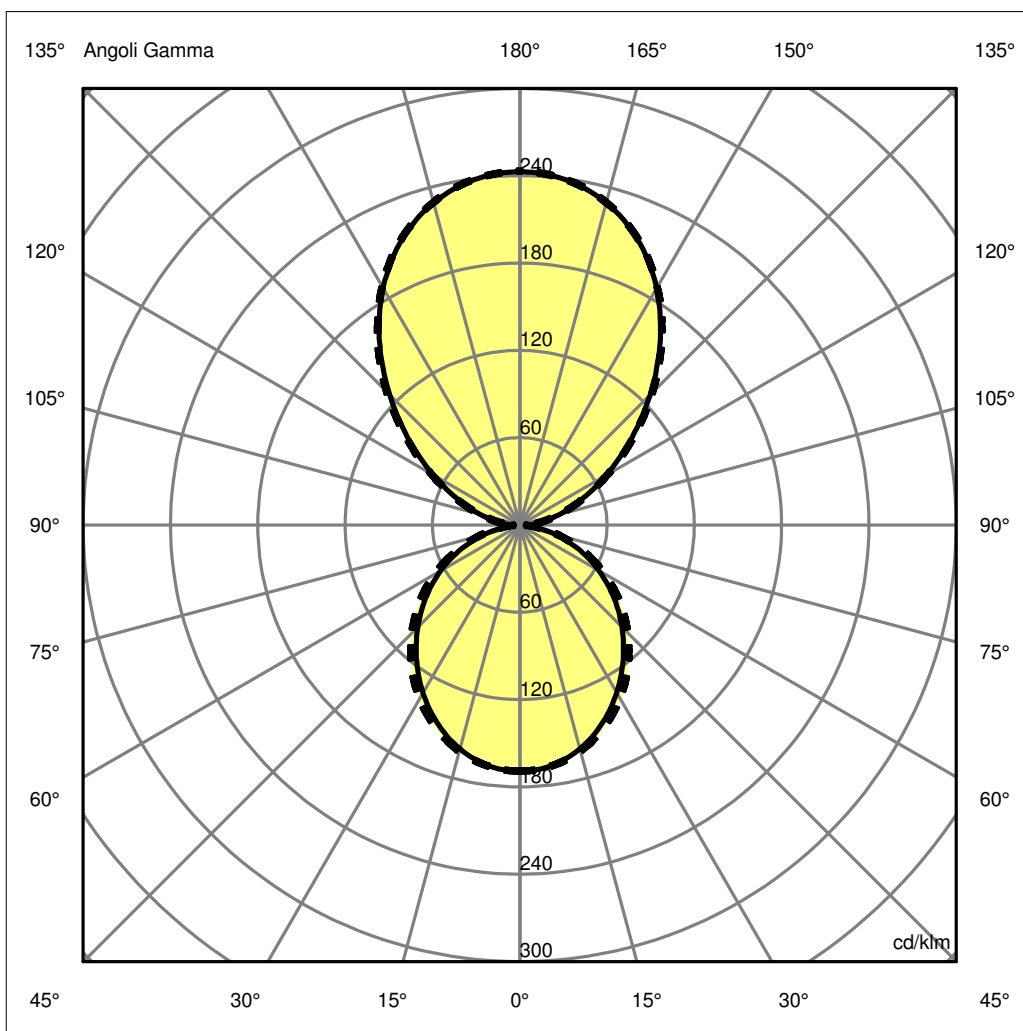
Semipiani C

180.0 ——— 0.0
270.0 - - - - 90.0

ULOR 55.76 %

DLOR 44.24 %

RN 55.76 %



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Measurement

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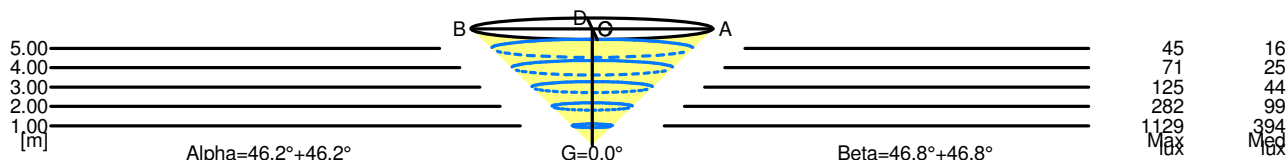
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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.009174 m2	
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LED Flux=7927,82lm LED Power=48W Eff=59% EfcLed=165lm/W EfcLum=75lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	49 80 96 44 100			D DIN 5040	C32		
F UTE	0.44 E + 0.56 T			B NBN	BZ 4		

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.04	2.08	3.12	4.16	5.21	OC	1.06	2.13	3.19	4.25	5.32
OB	1.04	2.08	3.12	4.16	5.21	OD	1.06	2.13	3.19	4.25	5.32

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1129.07	1121.04	1065.16	951.16	781.88	588.00	400.81	245.51	129.14	50.12
OB	1129.07	1121.04	1065.16	951.16	781.88	588.00	400.81	245.51	129.14	50.12
OC	1129.07	1121.50	1065.97	954.99	790.41	600.01	411.20	252.40	131.30	48.79
OD	1129.07	1121.50	1065.97	954.99	790.41	600.01	411.20	252.40	131.30	48.79



5.00	10.41	45	16		
4.00	8.33	71	25		
3.00	6.25	125	44		
2.00	4.16	282	99		
1.00	2.08	1129	394		
H[m]	D[m]	Max lux	Med lux	Alpha=46.2°+46.2°	G=0.0

5.00	10.63	45	16		
4.00	8.50	71	25		
3.00	6.38	125	44		
2.00	4.25	282	99		
1.00	2.13	1129	394		
H[m]	D[m]	Max lux	Med lux	Beta=46.8°+46.8°	G=0.0

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Measur.

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Lamps Flux	4644.60 lm	Maximum value	243.09 cd/klm	Position	C=0.00 G=180.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	18.0	18.8	19.0	19.7	21.2	18.3	19.1	19.3	20.0	21.2
x=2H y=3H	19.5	20.1	20.4	21.1	22.7	19.8	20.5	20.8	21.5	22.7
x=2H y=4H	20.0	20.6	21.0	21.6	23.2	20.4	21.0	21.4	22.0	23.2
x=2H y=6H	20.3	20.9	21.3	21.9	23.6	20.7	21.3	21.7	22.3	23.6
x=2H y=8H	20.5	21.0	21.5	22.0	23.7	20.9	21.4	21.9	22.4	23.7
x=2H y=12H	20.5	21.0	21.5	22.0	23.8	20.9	21.4	21.9	22.4	23.8
x=4H y=2H	18.6	19.3	19.6	20.2	21.7	18.9	19.5	19.8	20.5	21.7
x=4H y=3H	20.2	20.7	21.2	21.7	23.3	20.5	21.0	21.5	22.0	23.3
x=4H y=4H	20.8	21.3	21.9	22.3	23.9	21.1	21.6	22.2	22.6	23.9
x=4H y=6H	21.3	21.7	22.3	22.7	24.4	21.6	22.0	22.7	23.0	24.4
x=4H y=8H	21.4	21.8	22.5	22.8	24.6	21.8	22.1	22.8	23.2	24.6
x=4H y=12H	21.5	21.8	22.6	22.9	24.6	21.9	22.2	22.9	23.2	24.6
x=8H y=4H	21.0	21.4	22.1	22.4	24.1	21.3	21.7	22.4	22.7	24.1
x=8H y=6H	21.6	21.9	22.7	23.0	24.7	21.9	22.2	23.0	23.3	24.7
x=8H y=8H	21.8	22.1	22.9	23.2	24.9	22.2	22.4	23.2	23.5	24.9
x=8H y=12H	22.0	22.2	23.1	23.3	25.0	22.3	22.5	23.4	23.6	25.0
x=12H y=4H	21.0	21.4	22.1	22.4	24.1	21.3	21.6	22.4	22.7	24.1
x=12H y=6H	21.7	21.9	22.7	23.0	24.7	21.9	22.2	23.0	23.3	24.7
x=12H y=8H	21.9	22.1	23.0	23.2	24.9	22.2	22.4	23.3	23.5	24.9